

Beaumont Fire-Rescue Services

PERFORMANCE BENCHMARKS

404.01A

Basic Pump Panel Skills

Discipline: D/O

Effective: 10/5/2009

Revised:

Replaces:

Anne Huff, Fire Chief

I. Objective

The Driver/Operator shall correctly identify the basic components of the pump, the pump panel, and the process necessary to operate them.

II. Instructions – Procedures for Achieving the Objective

Given a fire department pumper, the Driver/Operator shall verbally demonstrate knowledge on the location and use of various pump panel features as asked by the examiner. The skill will end when you have answered all the listed items. Do you understand these instructions?

III. Examiner's Note

The examiner will ask the Driver/Operator to correctly locate and describe the basic function of the items listed in the benchmark steps.

IV. Preparation & Equipment

- A. Fire department pumper

V. Reference Sources

- A. IFSTA, Pumping Apparatus Driver/Operator Handbook, 2nd Edition

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Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

The Driver/Operator:

(No partial points given)

- a) Identifies and verbalizes process to engage pump 2.0 _____
- b) Identifies manual Pump shift control (if available) 1.0 _____
- c) Identifies water tank level indicator..... 2.0 _____
- d) Verbalizes process to manually verify tank water level..... 1.0 _____
- e) Identifies Tank to Pump valve..... 2.0 _____
- f) Identifies control for Priming pump 2.0 _____
- g) Verbalizes what Priming the pump is needed for..... 1.0 _____
- h) Identifies Pressure/Volume control..... 1.0 _____
- i) Verbalizes the difference between the pump operating in Pressure mode vs. operating in Volume mode..... 1.0 _____
- j) Identifies control for throttle pressure..... 2.0 _____
- k) Identifies pressure control device/governor (if available) 1.0 _____
- l) Identifies process to charge a selected 1 3/4" preconnect and verbalizes the typical operating pressure 2.0 _____
- m) Identifies process to charge a selected 2 1/2" discharge and verbalizes the typical operating pressure 2.0 _____
- n) Identifies process to charge a deck gun and verbalizes the typical operating pressure 2.0 _____
- o) Identifies discharge pressure gauges 1.0 _____
- p) Verbalizes process of gating down individual lines to lower pressure on them 1.0 _____
- q) Identifies all large diameter intakes 1.0 _____
- r) Identifies keystone and large diameter hose bleeder valve 2.0 _____
- s) Identifies intake pressure gauge and explains concept of residual pressure..... 2.0 _____
- t) Identifies hard suction hose and explains its purpose 1.0 _____
- u) Identifies soft suction hose and explains its purpose 2.0 _____
- Identifies auxiliary cooler controls..... 1.0 _____
- v) Identifies engine gauges on panel (oil pressure, water temp, voltage, fuel) 2.0 _____
- w) Identifies drain valves 1.0 _____
- x) Identifies controls for obtaining foam (if available)
- y) Identifies air chuck connect (if available) 1.0 _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
37	28	First			
		Second			
		Third			